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(71) Applicant (for all designated States except US): **DOT DIAGNOSTICS B.V.** [NL/NL]; Tempelstraat 12A, NL-6641 KV Beuningen (NL).

Fredericus, Bernardus, Josephus, Maria [NL/NL]; Tempelstraat 12A, NL-6641 KV Beuningen (NL). **KLAASSEN, Cornelis, Hendrikus, Wilhelm** [NL/NL]; De Lingert 51-63, NL-6605 DD Wijchen (NL). **PRINSEN, Clemens, Franciscus, Maria** [NL/NL]; De Gildekamp 50-59, NL-6545 LT Nijmegen (NL).

(74) Agent: **HUYGENS, Arthur, V.**; Octrooibureau Huygens, P.O. Box 86, NL-3400 AB IJsselstein (NL).

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(72) Inventors; and

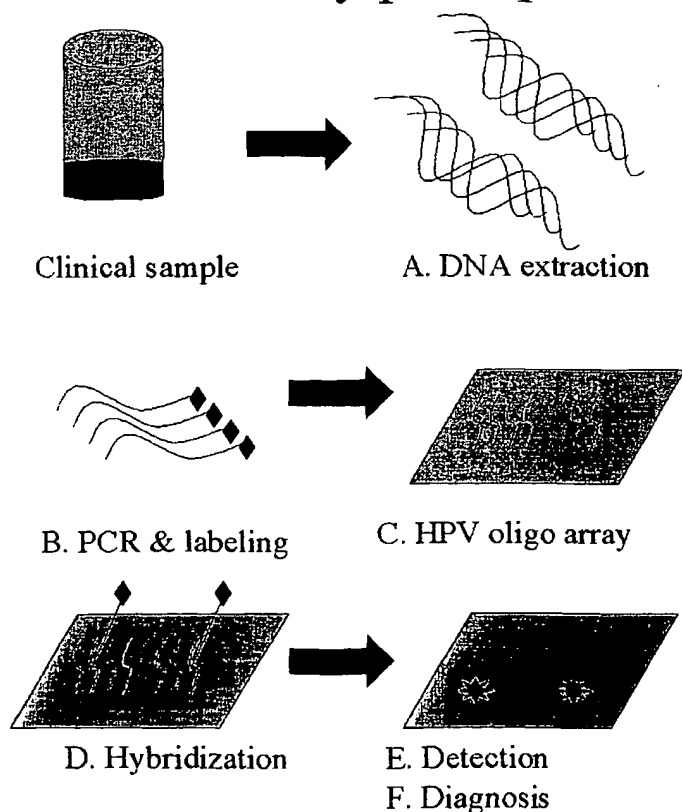
(75) Inventors/Applicants (*for US only*): **THUNNISSEN,**

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

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(54) Title: **HUMAN PAPILLOMA VIRUS DETECTION WITH DNA MICROARRAY**

HPV array principle



(57) Abstract: A method is provided of detecting the presence of HPV comprising the following steps: a. amplification and labelling part of the E1 HPV gene, in particular its 3' end; b. hybridizing the labelled fragment to a solid support containing microarrays with various HPV specific capture probes; c. removing uncaptured labeled fragments; d. detecting captured detectable moiety indicating the presence of HPV sequence DNA in a sample. Further provided is a test kit for carrying out said detection method.



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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
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B. FIELDS SEARCHED

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EPO-Internal, MEDLINE, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 68915 A (PARK T.-S. ET AL.) 20 September 2001 (2001-09-20)	4,5
Y	abstract; claims 1,10; examples 1-4 ----	1-3
X	WO 02 02794 A (CAPITAL BIOCHIP COMPANY LTD) 10 January 2002 (2002-01-10) abstract; claim 1 ----	4,5
X	WO 02 26377 A (BECKMAN COULTER INC) 4 April 2002 (2002-04-04) abstract; claims 1,22 ----- -/--	4,5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Barz, W

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